



CARRIER PIPE NOMINAL SIZE (in.)	CARRIER PIPE OD (in.)	DIM. A (in.)	DIM. B (in.)	DIM. C (in.)	DIM. D MIN. CASING SIZE (ID) (in.)	REQUIRED CASING PIPE ID (in.)	WALL THICKNESS (in.)
4	4.8	1 1/8	11 3/4	12	12.4	16	3/8
6	6.9	1 1/8	13 3/8	13	13.6	16	3/8
8	9.05	1 1/8	17 1/8	15	17.5	20	3/8
10	11.10	1 3/8	19 3/4	16	21.5	24	3/8
12	13.2	1 3/8	21 7/8	18	23	24	3/8
14	15.3	4	26 3/8	24	27	28	1/2
16	17.4	4	28 3/8	28	30	33	5/8
18	19.5	5	30 1/2	28	31	36	5/8
20	21.6	7	32 1/4	28	33	36	5/8
24	25.8	7	38 1/4	28	39	40	5/8

NOTES:

1. SPECIFIC SITE REQUIREMENTS MAY DICTATE ADJUSTMENTS IN STEEL CASING PIPE SIZE AND WALL THICKNESS.
2. CARRIER PIPE IS DUCTILE IRON CLASS 52 (PVC C900 DR 14 – SEE WRITTEN SPECS), TYTON JOINT UNLESS OTHERWISE NOTED ON THE PROJECT PLANS.
3. CASING PIPE IS A-252 GRADE B STEEL UNLESS OTHERWISE NOTED ON THE PROJECT PLANS.
4. SEE APPROVED PLAN FOR CASING LAYOUT. OTHERWISE SEE STANDARD DETAIL 6B.
5. CARRIER PIPE JOINTS SHALL BE RESTRAINED FOR A MINIMUM OF 80' EITHER SIDE OF CASING
6. WORKING PRESSURE RATING FOR THE RESTRAINED CARRIER PIPE, MIN. 2:1 SAFETY FACTOR IN ALL SIZES.

NOT TO SCALE

1	CC	CREATED	6/2017		STANDARD DETAIL PUBLIC UTILITIES WTR-05 CASING-CARRIER PIPE
NO.	AUTHORIZED BY	REVISIONS	DATE		